

10784152\_CLSTITLES

Titles of most frequently occurring classifications of patents returned  
from a search of 10784152 on Jun 14 , 2007

- 5 708/313 (4 OR, 1 XR)
  - Class 708 ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING
  - 708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER
  - 708/200 ..Particular function performed
  - 708/300 ...Filtering
  - 708/313 ....Decimation/interpolation
- 4 708/322 (2 OR, 2 XR)
  - Class 708 ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING
  - 708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER
  - 708/200 ..Particular function performed
  - 708/300 ...Filtering
  - 708/322 ....Adaptive
- 4 379/406.08 (1 OR, 3 XR)
  - Class 379 TELEPHONIC COMMUNICATIONS
  - 379/406.01 ECHO CANCELLATION OR SUPPRESSION
  - 379/406.06 ..Using digital signal processing
  - 379/406.08 ...Adaptive filtering
- 4 708/319 (0 OR, 4 XR)
  - Class 708 ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING
  - 708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER
  - 708/200 ..Particular function performed
  - 708/300 ...Filtering
  - 708/319 ....Transversal
- 4 375/346 (1 OR, 3 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/316 RECEIVERS
  - 375/346 ..Interference or noise reduction
- 4 333/18 (0 OR, 4 XR)
  - Class 333 WAVE TRANSMISSION LINES AND NETWORKS
  - 333/17.1 AUTOMATICALLY CONTROLLED SYSTEMS
  - 333/18 ..With control of equalizer and/or delay network
- 3 381/71.11 (0 OR, 3 XR)
  - Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
  - 381/71.1 ACOUSTICAL NOISE OR SOUND CANCELLATION
  - 381/71.8 ..Counterwave generation control path
  - 381/71.11 ...Adaptive filter topology
- 3 704/226 (0 OR, 3 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 SPEECH SIGNAL PROCESSING
  - 704/201 ..For storage or transmission
  - 704/226 ...Noise
- 3 704/200.1 (1 OR, 2 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE

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TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/200 .SPEECH SIGNAL PROCESSING

704/200.1 ..Psychoacoustic

3 704/203 (1 OR, 2 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE  
TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/200 .SPEECH SIGNAL PROCESSING

704/201 ..For storage or transmission

704/203 ...Transformation

3 704/230 (1 OR, 2 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE  
TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/200 .SPEECH SIGNAL PROCESSING

704/201 ..For storage or transmission

704/230 ...Quantization

3 375/340 (1 OR, 2 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/316 .RECEIVERS

375/340 ..Particular pulse demodulator or detector

3 704/229 (1 OR, 2 XR)

Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE  
TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

704/200 .SPEECH SIGNAL PROCESSING

704/201 ..For storage or transmission

704/229 ...Adaptive bit allocation

3 370/291 (2 OR, 1 XR)

Class 370 MULTIPLEX COMMUNICATIONS

370/276 .DUPLEX

370/282 ..Transmit/receive interaction control

370/286 ...Echo suppression or cancellation

370/290 ....Using a particular adaptive filter

370/291 .....Using a transversal filter

3 375/232 (1 OR, 2 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/229 .EQUALIZERS

375/230 ..Automatic

375/232 ...Adaptive

3 333/166 (1 OR, 2 XR)

Class 333 WAVE TRANSMISSION LINES AND NETWORKS

333/24R .COUPLING NETWORKS

333/166 ..Time domain filters

2 708/314 (1 OR, 1 XR)

Class 708 ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING

708/100 .ELECTRICAL DIGITAL CALCULATING COMPUTER

708/200 ..Particular function performed

708/300 ...Filtering

708/314 ....Matched filter type

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- 2 342/378 (1 OR, 1 XR)
  - Class 342 COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES (E.G., RADAR, RADIO NAVIGATION)
  - 342/350 ..DIRECTIVE
  - 342/378 ...Utilizing correlation techniques
- 2 375/240.02 (1 OR, 1 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/240 ..BANDWIDTH REDUCTION OR EXPANSION
  - 375/240.01 ...Television or motion video signal
  - 375/240.02 ...Adaptive
- 2 367/43 (1 OR, 1 XR)
  - Class 367 COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
  - 367/14 ..SEISMIC PROSPECTING
  - 367/37 ...Land-reflection type
  - 367/38 ...Signal analysis and/or correction
  - 367/43 ....Filters
- 2 375/230 (0 OR, 2 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/229 ..EQUALIZERS
  - 375/230 ..Automatic
- 2 381/94.1 (0 OR, 2 XR)
  - Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
  - 381/94.1 ..NOISE OR DISTORTION SUPPRESSION
- 2 327/231 (0 OR, 2 XR)
  - Class 327 MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
  - 327/100 ..SIGNAL CONVERTING, SHAPING, OR GENERATING
  - 327/231 ..Phase shift by less than period of input
- 2 356/451 (1 OR, 1 XR)
  - Class 356 OPTICS: MEASURING AND TESTING
  - 356/450 ..BY LIGHT INTERFERENCE (E.G., INTERFEROMETER)
  - 356/451 ..Spectroscopy
- 2 704/211 (0 OR, 2 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 ..SPEECH SIGNAL PROCESSING
  - 704/201 ...For storage or transmission
  - 704/211 ...Time
- 2 704/222 (1 OR, 1 XR)
  - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 ..SPEECH SIGNAL PROCESSING
  - 704/201 ...For storage or transmission
  - 704/221 ...Pattern matching vocoders
  - 704/222 ....Vector quantization
- 2 348/620 (1 OR, 1 XR)
  - Class 348 TELEVISION

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- 348/571 .IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO TELEVISION
- 348/607 ..Noise or undesired signal reduction
- 348/618 ...For removal of low amplitude random noise (e.g., variable bandwidth)
- 348/619 ....Averaging type
- 348/620 .....Using frame or field delays (e.g., motion adaptive)
- 2 348/E5.077 (0 OR, 2 XR)
  - Class 348 TELEVISION
  - 348/E5.001 .DETAILS OF TELEVISION SYSTEMS (EPO)
  - 348/E5.062 ..Picture signal circuitry for video frequency region (EPO)
  - 348/E5.077 ...Circuitry for suppressing or minimizing disturbance, e.g., moire, halo (EPO)
- 2 702/17 (0 OR, 2 XR)
  - Class 702 DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
  - 702/1 .MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
  - 702/2 ..Earth science
  - 702/14 ...Seismology
  - 702/17 ....Filtering or noise reduction/removal
- 2 375/261 (0 OR, 2 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/259 .SYSTEMS USING ALTERNATING OR PULSATING CURRENT
  - 375/260 ..Plural channels for transmission of a single pulse train
  - 375/261 ...Quadrature amplitude modulation
- 2 375/148 (1 OR, 1 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/130 .SPREAD SPECTRUM
  - 375/140 ..Direct sequence
  - 375/147 ...Receiver
  - 375/148 ....Multi-receiver or interference cancellation
- 2 375/227 (2 OR, 0 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/224 .TESTING
  - 375/227 ..Signal noise
- 2 342/194 (1 OR, 1 XR)
  - Class 342 COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES (E.G., RADAR, RADIO NAVIGATION)
  - 342/175 .WITH PARTICULAR CIRCUIT
  - 342/194 ..Complex signal (in phase and quadrature)
- 2 324/307 (1 OR, 1 XR)
  - Class 324 ELECTRICITY: MEASURING AND TESTING
  - 324/300 .PARTICLE PRECESSION RESONANCE
  - 324/307 ..Using a nuclear resonance spectrometer system
- 2 341/120 (2 OR, 0 XR)
  - Class 341 CODED DATA GENERATION OR CONVERSION
  - 341/120 .CONVERTER CALIBRATION OR TESTING
- 2 375/234 (1 OR, 1 XR)
  - Class 375 PULSE OR DIGITAL COMMUNICATIONS
  - 375/229 .EQUALIZERS
  - 375/230 ..Automatic

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375/232 ...Adaptive  
375/234 ....Fractionally spaced equalizer

2 708/323 (0 OR, 2 XR)  
Class 708 ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING  
708/100 .ELECTRICAL DIGITAL CALCULATING COMPUTER  
708/200 ..Particular function performed  
708/300 ...Filtering  
708/322 ....Adaptive  
708/323 .....Equalizer

2 348/621 (0 OR, 2 XR)  
Class 348 TELEVISION  
348/571 .IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO TELEVISION  
348/607 ..Noise or undesired signal reduction  
348/618 ...For removal of low amplitude random noise (e.g., variable bandwidth)  
348/619 ....Averaging type  
348/621 .....For color television

2 348/E9.042 (0 OR, 2 XR)  
Class 348 TELEVISION  
348/E9.001 .DETAILS OF COLOR TELEVISION SYSTEMS (EPO)  
348/E9.037 ..Circuits for processing color signals (EPO)  
348/E9.042 ...For image enhancement, e.g., vertical detail restoration, cross-color elimination, contour correction, chrominance trapping filters (EPO)

2 348/619 (2 OR, 0 XR)  
Class 348 TELEVISION  
348/571 .IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO TELEVISION  
348/607 ..Noise or undesired signal reduction  
348/618 ...For removal of low amplitude random noise (e.g., variable bandwidth)  
348/619 ....Averaging type